

## **GLOWG Minutes**

### **May 31, 2001**

#### **Attendance:**

Robin Corbet, Dennis Small, Richard Ho, Cathie Meetre, Seth Digel, Jaime Esper, Scott Williams, Tim Thruston, Warren Davis, Bob Maichle, Steve Ritz, Neil Gehrels, Leslie Ambrose, Tom Leisgang

#### **Action Items Discussed**

1. D. Small: Get GLOWG minutes posted to the GLAST Project website Due: 5/31/01

Action: Closed: The minutes are posted on the website the URL is as follows:

<http://glast.gsfc.nasa.gov/project/glowg/>

2. D. Small: Find out the procedure/process for change requests made by the LAT that will effect GLAST Project Office Configuration Control Documents Due: 5/31/01

Action: Closed: D. Small requested S. Williams discuss process with to the project Configuration Manager Jim Chipouras.

- \* **GLAST Mission Operations Concept Review (MOCR)(June 20, 2001)** - The MOCR is response to an Independent Assessment Action (184) that was place against the project. The IA action was reviewed. The action requested that life cycle cost of ground system operation be address within the review. Note that the purpose of the MOCR is to address the IA action. The life cycle cost was not part of the draft MOCR agenda. After a lengthy discuss an action was on placed on D. Small to meet with S. Lambros to identify who should take part in producing the life cycle cost of the different operations areas. An action was also placed D. Small and R. Ho to develop a plan that would help the team to reach to goal of a June 20<sup>th</sup> review.

An action was placed on all persons listed as presenters during the review. The action is to walkthrough the material they plan to present at meeting was tabled. This action is open will be part of the June 7 meeting.

Action Item Number: 184

**Description: Respond to IA Recommendation for the IA Finding: Operations Costs and Staffing Recommendations: 1) convene an ground ops concept review with SOMOS and internal GSFC participation (from existing operational projects similar to GLAST) to better determine LCC for operations prior to the NAR 2)** Perform a study of the SOC functions of another large observatory (Chandra or Hubble) and map to the requirements of GLAST

Date Opened: 1/23/2001

- \* **System Modes.** In the GLAST Operations Concept Document (OCD) there is an appendix devoted to this topic. Jaime Esper discussed his thoughts on GLAST operational modes. In a block diagram, he talked about how science instruments and the spacecraft could have different criteria for SAFEMODE determination. There is a

need for the project to properly identify and define the modes of operation for the spacecraft. This action was given to Jaime and Dennis to discuss in two weeks. Once agreed upon this clarification will be enter within the different documents as required, such as the OCD. An action was also given to LAT & GBM teams instrument to identify and define the operational modes of their instruments. This action was given respectfully to Scott Williams and Chip Meegan.

**Action Items:**

Action Number	Action	Responsible Person(s)	Status
1	Get GLOWG minutes posted to the GLAST Project website	D. Small	<b>Due: 5/31/01</b> The minutes posted on the website the URL: <a href="http://glast.gsfc.nasa.gov/project/glowg/">http://glast.gsfc.nasa.gov/project/glowg/</a> <b>Closed: 5/31/01</b>
2	Find out the procedure/process for change requests made by the LAT that will effect GLAST Project Office Configuration Control Documents	D. Small	<b>Due: 5/31/01</b> <b>Response:</b> D. Small requested S. Williams discuss process with to the project Configuration Manager Jim Chipouras. <b>Closed: 5/31/01</b>
3	Provide a table/matrix with the command hierarchy that explains how decisions are made when commanding the spacecraft instruments	T. Thurston	<b>Due: 6/7/01</b>
4	Develop a plan that would help the team to reach to goal of June 20 <sup>th</sup> review	D. Small & R. Ho	<b>Due: 6/7/01</b>
5	Meet with S. Lambros to identify who should take part in producing the life cycle cost of the different operations areas	D. Small	<b>Due: 6/7/01</b>
6	LAT & GBM teams instrument develop a table/chart that identifies and defines the operational modes of their instruments	S. Williams C. Meegan	<b>Due: 6/14/01</b>
7	Develop a table/chart that identifies and defines operational modes of spacecraft	D. Small, J. Esper, R. Ho	<b>Due: 6/14/01</b>

**Parking Lot:** Need for ICD's. It was suggested that separate meetings be held with the appropriate parties to discuss the details of the documents. An action should be placed to assign author responsibility and draft due dates for documents. The ICD's mentioned include the following: MOC-IOCs, MOC-SSC, SSC-IOCs.

**GLOWG MEETING  
AGENDA ITEMS  
JUNE 7, 2001  
Building 16 room #8 2:00pm**

1. Action Items
2. Walkthrough draft presentation materials for MOCR
3. Discussion of command hierarchy